### PATENT COOPERATION TREATY





### From the INTERNATIONAL BUREAU

### **PCT**

# NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

OHSHIMA, Masataka
Ohshima Patent Office
Fukuya Building
3, Yotsuya 4-chome
Shinjuku-ku
Tokyo 160-0004
JAPON

Alis 2 1 2000

Date of mailing (day/month/year)

10 August 2000 (10.08.00)

Applicant's or agent's file reference

G-22 (KASEI)

**IMPORTANT NOTICE** 

International application No. PCT/JP00/00515

International filing date (day/month/year) 31 January 2000 (31.01.00)

Priority date (day/month/year)

01 February 1999 (01.02.99)

**Applicant** 

TEIJIN CHEMICALS, LTD. et al

Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application
to the following designated Offices on the date indicated above as the date of mailing of this Notice:

 FIC

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

ΕP

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

 Enclosed with this Notice is a copy of the international application as published by the International Bureau on 10 August 2000 (10.08.00) under No. WO 00/46024

### REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a **demand for international preliminary examination** must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

### REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the **national phase**, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

J. Zahra

Telephone No. (41-22) 338.83.38

Facsimile No. (41-22) 740,14,35

## PATENT COOPERATION TREATY

	From the INTERNATIONAL BUREAU		
PCT	То:		
NOTIFICATION OF ELECTION  (PCT Rule 61.2)	Assistant Commissioner for Patents United States Patent and Trademark Office Box PCT Washington, D.C.20231 ETATS-UNIS D'AMERIQUE		
Date of mailing: 10 August 2000 (10.08.00)	in its capacity as elected Office		
International application No.: PCT/JP00/00515	Applicant's or agent's file reference: G-22 (KASEI)		
International filing date: 31 January 2000 (31.01.00)	Priority date: 01 February 1999 (01.02.99)		
Applicant: EKINAKA, Tatsuya et al			
1. The designated Office is hereby notified of its election maximum.    X   in the demand filed with the International prelimina	O (09.06.00)		
34, chemin des Colombettes 1211 Geneva 20, Switzerland	J. Zahra		
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338 83.38		





# **PCT**

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference G-22 (KASEI)  FOR FURTHER ACTION SeeNotification of Transmittal of International Examination Report (Form PCT IPEA 416)				
International application No.	International filing date (day month ye	Priority date (day month year)		
PCT JP00 00515	31 January 2000 (31.01.00)	01 February 1999 (01.02.99)		
International Patent Classification (IPC) or n B32B 27 00, 27 30	ational classification and IPC			
Applicant	TEIJIN CHEMICALS, LTD			
This international preliminary exami	nation report has been prepared by this	International Preliminary Examining Authority		
and is transmitted to the applicant ac	cording to Article 36.			
2. This REPORT consists of a total of	sheets, including this co	over sheet.		
been amended and are the bas Rule 70 16 and Section 607 o	is for this report and or sheets containin f the Administrative Instructions under t	description, claims and/or drawings which have g rectifications made before this Authority (see the PCT).		
These annexes consist of a tot	al ofsheets.			
3. This report contains indications relat	ing to the following items:			
Basis of the report				
II Priority				
III Non-establishment o	f opinion with regard to novelty, inventi	ve step and industrial applicability		
IV Lack of unity of inve		11 - 12 - 12		
Reasoned statement t	under Article 35(2) with regard to novelitions supporting such statement	ty, inventive step or industrial applicability:		
VI Certain documents ci	ted			
$ m _{VII}$ Certain defects in the	international application			
VIII Certain observations on the international application				
Date of submission of the demand	Date of complet	ion of this report		
09 June 2000 (09.06.0		3 February 2001 (13.02.2001)		
Name and mailing address of the IPF A JP	Authorized offic	er		
Facsimile No.	Telephone No.			



International application No.

PCT/JP00/00515

I.	Basis	s of the rep	port
1.	With	regard to	the <b>elements</b> of the international application:*
	X	the inter	rnational application as originally filed
		the desci	cription:
	_	pages _	as originally filed
		pages _	, filed with the demand
		pages _	. filed with the letter of
		the clain	ans:
	_	pages _	. as originally filed
		pages _	, as amended (together with any statement under Article 19
		pages _	, filed with the demand
		pages _	, filed with the letter of
		the draw	vings:
	-	pages _	as originally filed
		pages _	. filed with the demand
		pages _	, filed with the letter of
	t'	the sequen	nee listing part of the description:
		pages _	, as originally filed
		pages _	, filed with the demand
		pages _	, filed with the letter of
	the in	nternationa se elements the langu the langu	the language, all the elements marked above were available or furnished to this Authority in the language in which all application was filed, unless otherwise indicated under this item.  s were available or furnished to this Authority in the following language which is: tuage of a translation furnished for the purposes of international search (under Rule 23.1(b)).  tuage of publication of the international application (under Rule 48.3(b)).  guage of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and.).
3.	With prelir	minary exa	to any <b>nucleotide and/or amino acid sequence</b> disclosed in the international application, the international amination was carried out on the basis of the sequence listing:
			ed in the international application in written form.
	Щ		gether with the international application in computer readable form.
			ed subsequently to this Authority in written form.
			ed subsequently to this Authority in computer readable form.
		internatio	tement that the subsequently furnished written sequence listing does not go beyond the disclosure in the ional application as filed has been furnished.
	با	The state been furr	tement that the information recorded in computer readable form is identical to the written sequence listing has mished.
4		The ame	endments have resulted in the cancellation of:
		tt	he description, pages
		th	he claims. Nos.
			he drawings, sheets fig
5			ort has been established as if (some of) the amendments had not been made, since they have been considered to go he disclosure as filed, as indicated in the Supplemental Box (Rule 70 2(c)) **
	Replac	icement she is report c	heets which have been turnished to the receiving Office in response to an invitation under Article 14 are referred to as originally filed, and are not annexed to this report since they do not contain amendments (Rule 70.16).
			nt sheet containing such amendments must be referred to under item? and unnexed to this report



International application No.

PCT/JP00/00515

Statement			
Novelty (N)	Claims	1-18	YES
	Claims		NO
Inventive step (IS)	Claims	3.5,10-12	YES
	Claims	1,2,4,6-9,13-18	NO
Industrial applicability (IA)	Claims	1-18	YES
	Claims		NO.

2. Citations and explanations

Claims 1, 2, 4, 6-9, and 13-18

Document 1 (JP, 59-109528, A) cited in the international search report describes a molded resin product with a protective surface comprising a base material, an acrylic undercoating layer, and an organosiloxane overcoating layer that contains colloidal silica (Claims).

Although document 1 does not describe the specific substance that is used as the organosiloxane that contains colloidal silica, document 2 (JP, 9-11405, A) describes a plastic molded body with a protective surface in which the surface layer consists of orgnosiloxane containing a specific colloidal silica, and it specifically states that this improves resistance to wear (Claims, Effect of the Invention).

This being the case, persons skilled in the art can easily apply technology described in document 2, which belongs to this same field of technology, to further improve the surface properties of the invention described in document 1 by utilizing an overcoating layer consisting of organiloxane containing a specific colloidal silica.

Furthermore, this examination finds no particular outstanding effect provided by this invention.

77

### 特許協力条約

今後の手続きについては、国際予備審査報告の送付通知(様式PCT/

国際予備審査報告を作成した日

特許庁審査官(権限のある職員)

平井 裕彰

13.02.01

電話番号 03-3581-1101 内線

9633

3 4 3 1

4 S

IPEA/416)を参照すること。

PCT

### 国際予備審査報告

(法第12条、法施行規則第56条) [PCT36条及びPCT規則70]

出願人又は代理人

の書類記号 G-22 (KASEI)

1000 23 FEB	2501
2	FIT

国際出願番号 PCT/JP00/00515			0/00515	国際出願日(日.月.年)	31.01.0	0	優先日 (日.月.年)	01.	02.99	
国際幣	国際特許分類 (IPC) Int. Cl7 B32B27/00、27/30									
出願人	(氏:	名又に	は名称) 帝人	化成株式会社						
1.			F査機関が作成したこの目 を構築本部生は、この書料					規定に従		) 0
2.	2. この国際予備審査報告は、この表紙を含めて全部で 3 ページからなる。  □ この国際予備審査報告には、附属書類、つまり補正されて、この報告の基礎とされた及び/又はこの国際予備審査機関に対してした訂正を含む明細書、請求の範囲及び/又は図面も添付されている。  (PCT規則70.16及びPCT実施細則第607号参照) この附属書類は、全部で ページである。									
3.			予備審査報告は、次の内容							
	I	[X]	国際予備審査報告の基礎							
	П		優先権							
	Ш		新規性、進歩性又は産業	上の利用可能性	についての国際	予備審査報	告の不作成			
	IV		発明の単一性の欠如							
	v	X	PCT35条(2)に規定で	する新規性、進	歩性又は産業上の	利用可能的	生についての見	.解、それ	いを裏付ける	5ため
	VI		の文献及び説明 ある種の引用文献							
	VII		国際出願の不備							
	V		国際出願に対する意見							
								······································		

国際予備審査の請求書を受理した日

名称及びあて先

09 06.00

日本国特許庁(IPEA/JP)

郵便番号100-8915 東京都千代田図霞が関三丁目4番3号

### 国際予備審査報告

国際出願番号 PCT/JP00/00515

Ι.	3	国際予備審査報	B告の <b>基礎</b>				
1 .	$\mathcal{L}_{0}^{2}$	この国際予備権 ご答するために PCT規則70.	<b>と提</b> 出された差し替え用	類に基づいて作成され 紙は、この報告書にお	った。 (法第6条 (PCT おいて「出願時」とし、本	~14条)の規定に基づく命令に ■報告書には添付しない。	
	X	出願時の国際	产出願書類				
		明細書 明細書 明細書	第 第 第	ページ、 ページ、 ページ、	出願時に提出されたもの 国際予備審査の請求書と		
		請求の範囲 請求の範囲	第	項、 項、	出願時に提出されたもの PCT19条の規定に基 国際予備審査の請求書と	きづき補正されたもの	
		請求の範囲 請求の範囲	第 第	項、 項、	国际 J / 拥 伊 国 V / 萌 水 青 C	付の書簡と共に提出されたもの	
		図面 図面	第 第 第	ページ / 図、 ページ / 図、 ページ / 図、	出願時に提出されたもの 国際予備審査の請求書と	) と共に提出されたもの 付の書簡と共に提出されたもの。	
		明細書の配列	刊表の部分 第 刊表の部分 第 刊表の部分 第	ページ、 ページ、 ページ、	出願時に提出されたもの 国際予備審査の請求書と		
2.	<ul> <li>2. 上記の出願書類の言語は、下記に示す場合を除くほか、この国際出願の言語である。</li> <li>上記の書類は、下記の言語である 語である。</li> <li>国際調査のために提出されたPCT規則23.1(b)にいう翻訳文の言語</li> </ul>						
3.	(	国際予備		たPCT規則55.2また	: は55.3にいう翻訳文の言 おり、次の配列表に基づき	語 き国際予備審査報告を行った。	
	□ この国際出願に含まれる書面による配列表 □ この国際出願と共に提出されたフレキシブルディスクによる配列表 □ 出願後に、この国際予備審査(または調査)機関に提出された書面による配列表 □ 出願後に、この国際予備審査(または調査)機関に提出されたフレキシブルディスクによる配列表 □ 出願後に提出した書面による配列表が出願時における国際出願の開示の範囲を超える事項を含まない旨の陳述書の提出があった □ 書面による配列表に記載した配列とフレキシブルディスクによる配列表に記録した配列が同一である旨の陳述						
-4.		補正により、	があった。 下記の書類が削除された				
		明細書 請求の範囲 図面	第 第 図面の第		ジ <b>/図</b>		
5.	5. この国際予備審査報告は、補充欄に示したように、補正が出願時における開示の範囲を越えてされたものと認められるので、その補正がされなかったものとして作成した。(PCT規則70.2(c) この補正を含む差し替え用紙は上記1.における判断の際に考慮しなければならず、本報告に添付する。)						

### 国際予備審査報告

国際出願番号 PCT/JP00/00515

V. 新規性、進歩性又は産業上の利用可能性 文献及び説明	生についての法第12条( 	PCT35条(2)) に定める見解、 	それを <b>嬰</b> 付ける 
1. 見解			
新規性(N)	請求の範囲 請求の範囲	1 - 1 8	
進歩性(IS)	請求の範囲	3, 5, 10-12 1, 2, 4, 6-9, 13-	有
産業上の利用可能性 (IA)   	請求の範囲 請求の範囲	1 - 1 8	<b>**</b>
2. 文献及び説明(PCT規則70.7)			
・請求の範囲1,2,4,6- 引用文献1(JP59-10 イダルシリカ含有オルガノシロ	9528、A) に キサン上塗り層か	は、基材/アクリルト塗	り層/コロた樹脂成形
品が記載されている(特許請求 引用文献1には、コロイダル 用いることについての記載は特 A)には、表面を保護されたプ	シリカ含有オルガ にないものの、引	用文献2(IP9-11	405
ルシリカ含有オルガノシロキサ 具体的に記載されている( <b>【</b> 特 そうであってみれば、引用文	ンから構成するこ 許請求の範囲】、	とで、耐摩耗性等が同上 【発明の効果】)。	することか
- てってめってみれば、	に属する引用文献	2に記載の技術を適用し	て、特定の
	のがあるとは認め	られない。	

PCT		For receiving Office use only	
101	International Application No.		
REQUEST			
REQUEST	International Filing	Date	
The undersigned requests that the present			
international application be processed according to the Patent Cooperation Treaty.	Name of receiving	Office and "PCT International Application"	
	Applicant's or agen (if desired) (12 charac	it's file reference cters maximum) $G-2\ 2\ (KASEI)$	
Box No. I TITLE OF INVENTION	<del></del>	O DD (MITOLI)	
SURFACE-PROTECTED TRANSPARENT	PLASTIC C	OMPOSITE MATERIAL	
Box No. II APPLICANT			
Name and address: (Family name followed by given name; for a designation. The address must include postal code and name of col address indicated in this Box is the applicant's State (that is, country of residence is indicated below.)	legal entity, full offic untry. The country of y) of residence if no St	the This person is also inventor.	
TEIJIN CHEMICALS, LTD.		Telephone No.	
2-2, Uchisaiwaicho 1-chome, Chiyoda-ku,	TOKYO 100-0	Pacsimile No.	
JAPAN		Teleprinter No.	
State (that is, country) of nationality:  JAPAN	State (that is, coun	try) of residence: JAPAN	
This person is applicant for the purposes of:  all designated all designated the United S	d States except tates of America	the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(	(S)	
Name and address: (Family name followed by given name; for a designation. The address must include postal code and name of cou address indicated in this Box is the applicant's State (that is, country of residence is indicated below.)	legal entity, full offic intry. The country of t v) of residence if no Su	the This person is:	
EKINAKA Tatsuya		applicant only	
c/o Teijin Chemicals, Ltd.,		applicant and inventor	
2-2, Uchisaiwaicho 1-chome, Chiyoda-ku 7	гокуо	inventor only (If this check-box is marked, do not fill in below.)	
100-0011 JAPAN		S named, do not jii in below)	
State (that is, country) of nationality:  JAPAN	State (that is, coun	try) of residence:  JAPAN	
This person is applicant all designated all designate for the purposes of:	d States except tates of America	the United States the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated of	on a continuation she	et.	
Box No. IV AGENT OR COMMON REPRESENTATIVE	; OR ADDRESS F	OR CORRESPONDENCE	
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	as: L	✓ agent common representative	
Name and address: (Family name followed by given name; for a designation. The address must include postal co	legal entity, full off ode and name of coun	icial (ry.) Telephone No. 03-3356-7565	
8060 OHSHIMA Masataka		Facsimile No.	
OHSHIMA PATENT OFFICE, Fukuya Bl	dg.,	03-3356-8826	
3, Yotsuya 4-chome, Shinjuku-ku, TOKYO 160-0004 JAPAN		Teleprinter No.	
Address for correspondence: Mark this check-box where	no agent or common	representative is has been appointed and the	
Form PCT RO-101 (first sheet) (July 1998; reprint January 2000)	vnich correspondenc	e should be sent.  See Notes to the request form	

Sheet No	2
Continuation of Box No. III FURTHER APPLICANT(S) A	LYD/OR (FURTHER) INVENTOR(S)
	nis sheet should not be included in the request.
Name and address: (Family name followed by given name: for a designation. The address must include postal code and name of coul address indicated in this Box is the applicant's State (that is, country of residence is indicated below)  IMANAKA Yoshihiko  c/o Teijin Chemicals, Ltd.,  2-2, Uchisaiwaicho 1-chome, Chiyoda-ku 71  100-0011 JAPAN	legal entity, full official nity. The country of the officesidence if no State  This person is:  applicant only  applicant and inventor
State (that is, country) of nationality:  JAPAN	State (that is, country) of residence:  JAPAN
	States except ates of America of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a designation. The address must include postal code and name of coun address indicated in this Box is the applicant's State (that is, country, of residence is indicated below.)	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)
State (that is, country) of nationality:	State (that is, country) of residence:
This person is applicant for the purposes of:  all designated the United States  all designated the United States	States except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a l designation. The address must include postal code and name of cour address indicated in this Box is the applicant's State (that is, country) of residence is indicated below.)	ntry. The country of the
State (that is, country) of nationality:	State (that is, country) of residence:
	I States except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a designation. The address must include postal code and name of cou address indicated in this Box is the applicant's State (that is, country of residence is indicated below.)	ntry. The country of the
State (that is, country) of nationality:	State (that is, country) of residence:

all designated States except the United States of America

This person is applicant for the purposes of:

ail designated States

Further applicants and/or (further) inventors are indicated on another continuation sheet.

the States indicated in the Supplemental Box

the United States of America only

Vο	3	

Box No.V DESIGNATION	Box No.V DESIGNATION OF STATES						
The following designations are he	The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):						
Regional Patent		_	•				
AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT							
EA Eurasian Patent: AM RURussian Federation.	A Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent						
EP European Patent: AT  DK Denmark, ES Spain	Convention and of the PCT  Properties and Lieutenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent						
GA Gabon, GN Guinea, other State which is a me	OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)						
National Patent (if other kind of pa							
☐ AE United Arab Emirates	, 0.0000011 0.7 2 000000000000000000000000000000000	_	•				
=		□ LR					
AL Albania		☐ LS	Lesotho				
AM Armenia		☐ LT	Lithuania				
AT Austria		☐ LU	Luxembourg				
AU Australia		☐ LV	Latvia				
AZ Azerbaijan		☐ MA	Morocco				
☐ BA Bosnia and Herzegovina			Republic of Moldova				
☐ BB Barbados			Madagascar				
BG Bulgaria			The former Yugoslav Republic of Macedonia				
☐ BR Brazil							
BY Belarus			Manage				
CA Canada			Mongolia				
1 =	::- <b>!</b>	= '	Malawi				
CH and LI Switzerland and I			Mexico				
CN China			Norway				
CR Costa Rica		□ NZ	New Zealand				
CU Cuba		☐ PL	Poland				
CZ Czech Republic		🗌 РТ	Portugal				
DE Germany		□ RO	Romania				
DK Denmark		□ RU	Russian Federation				
DM Dominica		□ SD	Sudan				
EE Estonia		□ SE	Sweden				
☐ ES Spain		□ sc	Singapore				
· ·		□ SI	Slovenia				
☐ GB United Kingdom		□ SK					
GD Grenada							
<b>=</b>		□ SL	Sierra Leone				
I = -		□ TJ	Tajikistan				
GH Ghana			Turkmenistan				
GM Gambia			Turkey				
HR Croatia			Trinidad and Tobago				
HU Hungary		TZ	United Republic of Tanzania				
☐ ID Indonesia		☐ UA	Ukraine				
☐ IL Israel			Uganda				
☐ IN India		☑ us	United States of America				
☐ IS Iceland							
		□ 117	Uzb <b>e</b> kistan				
☐ KE Kenya			Viet Nam				
			Yugoslavia				
KG Kyrgyzstan		_					
KP Democratic People's R	•	=	South Africa				
			Zimbabwe				
KR Republic of Korea		Check-l	boxes reserved for designating States which have				
KZ Kazakhstan		_	party to the PCT after issuance of this sheet:				
LC Saint Lucia							
LK Sri Lanka							
+ <del>-</del>	ement: In addition to the designa	tions mad	de above, the applicant also makes under Rule 4-9(b) all other				
			ion(s) indicated in the Supplemental Box as being excluded				
			onal designations are subject to confirmation and that any				
designation which is not confirmed	i before the expiration of 15 month	hs from th	ne priority date is to be regarded as withdrawn by the applicant				
at the expiration of that time limit.	Confirmation including fees must	treach ihe	receiving Office within the 15-month time limit)				

Sheet No. . . . 4

Box No. VI PRIORITY C	T	Further priority claims are indicated in the Supplemental Box.		
Filing date	Number of earlier application	Where earlier application is:		
of earlier application (day/month/year)	or carner application	national application:		international application:
	Datast	country	regional Office	receiving Office
item (1)	Patent Application			
01.02.99	No.11-024079	Japan		
item (2)	Patent			
11.05.99	Application No.11-129942	Japan		
item (3)	1.0.11 123342	Jupun		
nem (3)				
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the				
purposes of the present international application is the receiving Office) identified above as item(s): (1), (2)  * Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris				
Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box.				
Box No. VII INTERNATIONAL SEARCHING AUTHORITY				
Choice of International Searching Authority (ISA) Request to use results of earlier search; reference to that search (if an earlier				
(if two or more International Searching Authorities are search has been carried out by or requested from the International Searching Authority):  competent to carry out the international search, indicate				
the Authority chosen; the two-letter code may be used):  Date (day/month/year)  Number  Country (or regional Office)				
ISA/JP				
Box No. VIII CHECK LIST; LANGUAGE OF FILING				
This international application contains This international application is accompanied by the item(s) marked below:				
the following number of sheet	I. V fee calcul	ation sheet		
request : 4  2.  separate signed power of attorney				
description (excluding sequence listing part)	4 9 3. copy of g	eneral power of attorney,	reference number, if any	:
claims :	8 4 🔲 statement	t explaining lack of signati	ıre	
abstract :	1 5. priority de	ocument(s) identified in B	ox No. VI as item(s):	
drawings :				
sequence listing part	7. T separate i	indications concerning dep		other biological material
of description 0 8.   nucleotide and/or amino acid sequence listing in computer readable form				
Total number of sheets	6 2 9.  other (spe	·	•	
Figure of the drawings which		nguage of filing of the	· · · · · · · · · · · · · · · · · · ·	
should accompany the abstract: international application: Japanese				e
Box No. IX SIGNATURE OF APPLICANT OR AGENT				
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).				
(8060) OHSHIMA Masataka, patent attorney				
(0000) ononim masacana, pacone accorner				
		ecciving Office use only		
Date of actual receipt of the purported international application:				2. Drawings:
Corrected date of actual receipt due to later but timely received papers or drawings completing				received:
the purported international application:  4 Date of timely receipt of the required not receipt				
corrections under PCT Article 11(2):  5 International Searching Authority ISA / JP  6 Transmittal of search copy delayed until search fee is paid.				
(if two or more are competent): 15A JP until search fee is paid.				
For International Bureau use only				
Date of receipt of the record copy				